

## SYNOPTIC TABLE

MONDAY 24-Aug	TUESDAY 25-Aug	WEDNESDAY 26-Aug	THURSDAY 27-Aug	FRIDAY 28-Aug
Registration 8:30-9:00	Registration 8:30-9:00	Registration 8:30-9:00	Registration 8:30-9:00	Registration 8:30-9:00
Opening Remarks Chair: T. Nakagawa 9:00	Chair: R. Pardo 8:30	Advancement of highly charged ion beam production by superconducting ECR ion source SECRAL (Sun) 9:00	Chair: M. Loiselet 8:30	Chair: A. Ivanov 8:30
Ion Source requirements for high energy accelerators (Roser) 9:30	New development of laser ion source for highly charged ion beam production (zhao) 9:00	Status of ECR ion sources for the Facility for Rare Isotope Beams (Machicoane) 9:30	In gas-jet isomer selective laser ion source (Lecesne) 9:00	Recent development of plasma optical systems (Goncharov) 9:30
Recent developments of ion sources for life science studies at the Heavy Ion Medical Accelerator in Chiba (Kitagawa) 10:00	High charge states heavy metal ion source based on vacuum spark (Okis) 9:30	Further improvement of RIKEN 28GHz SC-ECRIS for production of ... (Nakagawa) 9:50	New progress of high current gasdynamic ion source (Skalyga) 9:30	Correlations between density distributions, optical spectra and ion species in a hydrogen plasma (Cortazar) 9:30
High density plasmas and new diagnostics: an overview (Celona) 10:30	Design steps towards a high brightness electron impact ion source (DeCastro) 10:10	Operation and commissioning of IFMIF LIPAC Injector (Okumura) 10:10	Overview of ion source characterization diagnostics in Indian Test... (Badyopadhyay) 9:50	Industrial applications of ECR-based neutron generators (Christensen) 10:10
Coffee Break Chair: A. Kitagawa 11:00	Development and testing of a pulsed helium ion source for probing... (ji) 10:30	Status of the SPIRAL2 injector commissioning (Thuillier) 10:30	The RHIC polarized ion source (Zelenski) 10:30	Coffee Break Chair: P. Spaedtke 10:40
Molecular ion sources for semiconductor ion implantation (Hershcovitch) 11:30	Coffee Break / Exhibitors Chair: M. Bacal 11:00	Coffee Break / Exhibitors Chair: H. Zhao 11:00	Coffee Break / Exhibitors Chair: R. Leroy 11:00	Intense beam transport and space charge compensation strategies (Meusel) 11:10
Ambient ionization, ion transport and ion mobility-based detection... (Guharay) 11:50	Production and extraction processes of H- ions in a large scaled negative ion source (Tsumori) 11:30	Limitation of the ECRIS performance by kinetic plasma instabilities (Tarvainen) 11:30	Innovation in EBIS charge state breeders for stable and radioactive elements (Schwarz) 11:30	Hall thrusters for space applications: advanced concepts and research challenges (Raitses) 11:40
Ion beam sources for surface modification (Rosenkranz) 12:10	Linac4 H- ion sources (Lettry) 11:50	Electron density and temperature measurements in ECR plasma by... (Mascali) 11:50	Optimizing charge breeding techniques for ISOL facilities in Europe: conclusions... (Delahaye) 11:50	Summary talk 12:00
Conference photo 12:30	Recent performance of and plasma outgassing studies with the SNS H-... (Stockli) 12:10	Ion beam emittance from an ECRIS (Spädtke) 12:10	Advanced numerical modelling of the PHOENIX-SPECS charge breeder (Galata) 12:10	Closing Remarks 12:30
Lunch (on your own) 14:00	Commissioning the RAL scaled Penning surface plasma source (Faircloth) 12:30	Emittance measurement for RIKEN 28GHz SC-ECRIS (Higurashi) 12:30	Off-line commissioning of EBIS and plans for its integration into ATLAS and CARIBU (Ostroumov) 12:30	
Poster Session / Exhibitors Chair: K. Tsumori 16:00	Lunch (on your own) 14:00	Free afternoon (enjoy NYC)	Lunch (on your own) 14:00	
Towards 20A negative hydrogen ion beams for up to 1 Hour; achievements of the ELISE Test Facility (Fantz) 16:30	Poster Session / Exhibitors Chair: B. Schunke 16:00	Poster Session / Exhibitors Chair: M. Stockli 16:00	Poster Session / Exhibitors Chair: M. Stockli 16:00	Post-conference BNL Tour (return after 9:00 PM) 16:30
First experiments with the negative ion source NIO1 (Cavenago) 16:50	Inductively driven surface-plasma negative ion source for N-NBI use (Belchenko) 16:30	Optimum plasma grid bias for a negative hydrogen ion source operation with Cs (Bacal) 16:20		
Final design of the beam source for the MITICA injector (Marcuzzi) 17:10	Particle model of full scale ITER-relevant negative ion source (Taccogna) 16:50	Investigation of the boundary layer during the transition from volume to surface... (Wimmer) 16:40	Brightness Award presentation 17:00	
Improvement of accelerator of N-NBI on LHD (Kisaki) 17:30	Physics of negative ion beam formation and extraction from the... (Fubiani) 17:10	Brightness Winner Talk 17:30		
	Fine-tuning to minimize emittances of J-PARC RF-driven H- ion source (Ueno) 17:30		Banquet 6:30 - 9:00 18:30	
Reception 6:30-8:30				